



PART B- FEE(S) TRANSMITTAL

No Fee

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500.34077CC3

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020457 7590 03/21/2006

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope Addressed to the Mail Stop ISSUE FEE address above, or being facsimile Transmitted to the USPTO (703) 746-4000, on the date indicated below.

ANTONELLI, TERRY STOUT & KRAUS, LLP
1300 NORTH SEVENTEENTH STREET
SUITE 1800
ARLINGTON, VA 22209-3873

020(Depositor's name)
(Signature)
(Date)

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 09/900,144, 07/09/2001, Atsushi Maki, 500.34077CC3, 6500

TITLE OF INVENTION: OPTICAL SYSTEM FOR MEASURING METABOLISM IN A BODY AND IMAGING METHOD

Table with 6 columns: APPL. TYPE, SMALL ENTITY, ISSUE FEE, PUBLICATION FEE, TOTAL FEE (S) DUE, DATE DUE
Values: Nonprovisional, NO, \$0, \$0, \$0, 06/21/2006

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS
Values: MANTIS MERCADER, ELENI M, 3737, 600-473000

1. Change of correspondence address or indication of "Fee Address: (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB7122 attached, agents OR, alternatively, "Fee Address" indication (or "Fee Address" Indication form PTO/SB47; Rev 03-02 or more recent) attached. Use of Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys 1 ANTONELLI, TERRY, STOUT AND KRAUS, LLP. Or agents OR, alternatively, (2) the name of single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

HITACHI, LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

TOKYO, JAPAN

The PTO did not receive the following listed item(s) FORM PTO-2038

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual [checked] Corporation or other private group entity [] Government []

4a. The following fee(s) are enclosed:

- Issue Fee [checked]
Publication Fee (No small entity discount permitted) [checked]
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4b. Payment of Fee (s):

- A check in the amount of the fee(s) is enclosed. []
Payment by credit card- Form PTO-2038 is attached. [checked]
The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 01-2135 (enclose an extra copy of this form). [checked]

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. []
b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). []

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature [Signature]

Date: JUNE 21, 2006

Typed or printed name Paul J. Skwierawski

Registration No. 32,173

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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